

Please replace the Abstract of the Disclosure provided on the attached separate sheet into the above patent application, as a replacement of the previously filed Abstract.

ABSTRACT OF THE DISCLOSURE

A mechanism for synchronizing transmission of frames in a telecommunications network including a mobile station, a radio network controller, at least one base station. The mobile station and each base station have a corresponding timing reference. The mechanism includes or performs the steps of establishing a connection-specific timing reference which is common to all nodes involved in the connection; determining, for the base stations an offset between the timing reference of the base station in question and the CFN; and using the offset in the base stations, to compensate for the difference between the timing references.